

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Fri Sep 21 13:04:19 EDT 2007

=====

Application No: 10562852 Version No: 3.0

Input Set:

Output Set:

Started: 2007-09-12 15:26:56.361
Finished: 2007-09-12 15:26:58.042
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 681 ms
Total Warnings: 150
Total Errors: 0
No. of SeqIDs Defined: 150
Actual SeqID Count: 150

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2007-09-12 15:26:56.361
Finished: 2007-09-12 15:26:58.042
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 681 ms
Total Warnings: 150
Total Errors: 0
No. of SeqIDs Defined: 150
Actual SeqID Count: 150

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Gazith, Ehud

<120> PEPTIDES ANTIBODIES DIRECTED THEREAGAINST AND METHODS USING SAME
FOR DIAGNOSING AND TREATING AMYLOID-ASSOCIATED DISEASES

<130> 31230

<140> 10562852

<141> 2006-04-19

<160> 150

<170> PatentIn version 3.2

<210> 1

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 1

Asn Phe Gly Ala Ile Leu Ser Ser
1 5

<210> 2

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 2

Ala Phe Gly Ala Ile Leu Ser Ser
1 5

<210> 3

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 3

Asn Ala Gly Ala Ile Leu Ser Ser
1 5

<210> 4
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 4

Asn Phe Ala Ala Ile Leu Ser Ser
1 5

<210> 5
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 5

Asn Phe Gly Ala Ala Leu Ser Ser
1 5

<210> 6
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 6

Asn Phe Gly Ala Ile Ala Ser Ser
1 5

<210> 7
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> Consensus sequence

<220>
<221> misc_feature
<222> (1)..(1)
<223> Any aromatic amino acid

<220>
<221> misc_feature
<222> (2)..(2)
<223> Any amino acid, but glycine

<220>
<221> misc_feature
<222> (3)..(5)
<223> Any amino acid

<400> 7

Xaa Xaa Xaa Xaa Xaa
1 5

<210> 8
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 8

Ala Phe Gly Ala Ile Leu
1 5

<210> 9
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 9

Asn Ala Gly Ala Ile Leu
1 5

<210> 10
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 10

Asn Phe Gly Ala Ala Leu
1 5

<210> 11
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 11

Asn Phe Gly Ala Ile Ala
1 5

<210> 12
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 12

Asn Phe Ala Ala Ile Leu
1 5

<210> 13
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 13

Phe Ala Ala Ile Leu
1 5

<210> 14
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 14

Asn Phe Leu Val His Ser Ser Asn Asn
1 5

<210> 15
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 15

Asn Phe Leu Val His Ser Ser
1 5

<210> 16
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 16

Phe Leu Val His Ser Ser
1 5

<210> 17
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 17

Asn Phe Leu Val His
1 5

<210> 18
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 18

Phe Leu Val His Ser
1 5

<210> 19

<211> 4
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 19

Phe Leu Val His

1

<210> 20
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 20

Asn Phe Gly Ser Val Gln Val Phe

1 5

<210> 21
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 21

Asn Phe Gly Ser Val Gln

1 5

<210> 22
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 22

Asn Phe Gly Ser Val

1 5

<210> 23
<211> 5

<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 23

Phe Gly Ser Val Gln
1 5

<210> 24
<211> 4
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 24

Gly Ser Val Gln
1

<210> 25
<211> 4
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 25

Phe Gly Ser Val
1

<210> 26
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 26

Asn Ala Gly Ser Val Gln
1 5

<210> 27
<211> 5
<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 27

Asp Phe Asn Lys Phe

1 5

<210> 28

<211> 4

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 28

Phe Asn Lys Phe

1

<210> 29

<211> 4

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 29

Asp Phe Asn Lys

1

<210> 30

<211> 3

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 30

Asp Phe Asn

1

<210> 31

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 31

Asp Ala Asn Lys Phe

1 5

<210> 32

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 32

Leu Phe Asn Gln Thr Gly

1 5

<210> 33

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 33

Ser Phe Phe Ser Phe Leu

1 5

<210> 34

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 34

Phe Glu Asn Lys Phe

1 5

<210> 35

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 35

Ser Phe Asn Asn Gly

1 5

<210> 36

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 36

Leu Gln Asn Phe Thr Leu

1 5

<210> 37

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 37

Thr Leu Ile Phe Gly Gly

1 5

<210> 38

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 38

Arg Ala Leu Asp Phe Ala

1 5

<210> 39

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 39

Gly Leu Val Phe Val Ser
1 5

<210> 40

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 40

Gly Thr Phe Gln Ile Asn
1 5

<210> 41

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 41

Ser Gly Ile Phe Thr Asn
1 5

<210> 42

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 42

Glu Arg Gly Phe Phe
1 5

<210> 43

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 43

Arg Asp Phe Leu Asp Arg
1 5

<210> 44

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 44

Ser Asn Phe Leu Asn
1 5

<210> 45

<211> 7

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 45

Asn Phe Leu Val His Pro Pro
1 5

<210> 46

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 46

Asn Phe Gly Ala Ile Leu Ser Ser
1 5

<210> 47

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 47

Asn Ile Gly Ala Ile Leu Ser Ser
1 5

<210> 48

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 48

Asn Leu Gly Ala Ile Leu Ser Ser
1 5

<210> 49

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 49

Asn Val Gly Ala Ile Leu Ser Ser
1 5

<210> 50

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Single strand DNA oligonucleotide

<400> 50

aaatgcaaca ccgcgacctg cgcg

24

<210> 51

<211> 30

<212> DNA

<213> Artificial sequence

<220>

<223> Single strand DNA oligonucleotide

<400> 51

accagcgcc tggcgaactt tctggtgcat

30

<210> 52
<211> 30
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 52
agcagcaaca actttggcgc gattctgagc 30

<210> 53
<211> 33
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 53
agcaccaacg tgggcagcaa cacctattaa tga 33

<210> 54
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 54
tcgttgtgca taattact 18

<210> 55
<211> 30
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 55
ccgcgctaag actcgtcgtg cttgcacccg 30

<210> 56
<211> 33
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 56
cgcttgaaag accacgtatc gtcgttggtg aaa 33

<210> 57
<211> 36
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 57
tttacgttgt ggcgctggac gcgctgggtc gcggac 36

<210> 58
<211> 114
<212> DNA
<213> Artificial sequence

<220>
<223> Modified IAPP cDNA for expression in bacteria

<400> 58
atgaaatgca acaccgcgac ctgcgcgacc cagcgcttgg cgaactttct ggtgcatagc 60

agcaacaact ttggcgcgat tctgagcagc accaacgtgg gcagcaacac ctat 114

<210> 59
<211> 56
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 59
gggtttccat gggccatcac catcaccatc acgaaaaatg caacaccgcg acctgc 56

<210> 60
<211> 35
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 60
gggtttgcgg ccgctcatta ataggtggtg ctgcc 35

<210> 61
<211> 10
<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 61

Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln
1 5 10

<210> 62

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 62

Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg
1 5 10

<210> 63

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 63

Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu
1 5 10

<210> 64

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 64

Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala
1 5 10

<210> 65

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 65

Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn
1 5 10

<210> 66

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 66

Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe
1 5 10

<210> 67

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 67

Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
1 5 10

<210> 68

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 68

Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
1 5 10

<210> 69

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 69

Thr Gln Arg Leu Ala Asn Phe Leu Val His
1 5 10

<210> 70

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 70

Gln Arg Leu Ala Asn Phe Leu Val His Ser
1 5 10

<210> 71

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 71

Arg Leu Ala Asn Phe Leu Val His Ser Ser
1 5 10

<210> 72

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 72

Leu Ala Asn Phe Leu Val His Ser Ser Asn
1 5 10

<210> 73

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 73

Ala Asn Phe Leu Val His Ser Ser Asn Asn
1 5 10

<210> 74

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 74

Asn Phe Leu Val His Ser Ser Asn Asn Phe
1 5 10

<210> 75

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 75

Phe Leu Val His Ser Ser Asn Asn Phe Gly
1 5 10

<210> 76

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 76

Leu Val His Ser Ser Asn Asn Phe Gly Ala
1 5 10

<210> 77

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 77

Val His Ser Ser Asn Asn Phe Gly Ala Ile
1 5 10

<210> 78

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 78

His Ser Ser Asn Asn Phe Gly Ala Ile Leu
1 5 10

<210> 79

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 79

Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser
1 5 10

<210> 80

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 80

Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser
1 5 10

<210> 81

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 81

Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr
1 5 10

<210> 82

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 82

Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn
1 5 10

<210> 83

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 83

Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
1 5 10

<210> 84

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 84

Gly Ala Ile Leu Ser Ser Thr Asn Val Gly
1 5 10

<210> 85

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 85

Ala Ile Leu Ser Ser Thr Asn Val Gly Ser
1 5 10

<210> 86
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 86

Ile Leu Ser Ser Thr Asn Val Gly Ser Asn
1 5 10

<210> 87
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 87

Leu Ser Ser Thr Asn Val Gly Ser Asn Thr
1 5 10

<210> 88
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 88

Ser Ser Thr Asn Val Gly Ser Asn Thr Tyr
1 5 10

<210> 89
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 89

Asn Ala Gly Ala Ile Leu Ser Ser

1 5

<210> 90

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide array consensus sequence

<220>

<221> misc_feature

<222> (4)..(4)

<223> Any amino acid, but cysteine

<400> 90

Ser Asn Asn Xaa Gly Ala Ile Leu Ser Ser

1 5 10

<210> 91

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 91

Asn Ala Gly Ala Ile Leu Ser Ser

1 5

<210> 92

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 92

Asn Ala Gly Ala Ile Leu Ser Ser

1 5

<210> 93

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 93

Asn Asp Gly Ala Ile Leu Ser Ser

1 5

<210> 94

<211> 8

<212>